

Application # - 10/801,520 Examiner Michele Flood, Art Unit 1655  
Reply to Office Communications dated 2/16/2007

**Amendments to the Claims:**

The listing of claims will replace all prior versions and listings, of claims in the application.

**Listing of Claims**

Claims 1-32 (Canceled)

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Claim 33 (Currently Amended):

What is claimed is:

A topical skin care composition useful for treating dyshidrosis (pompholyx) and dry skin disorders, said composition comprising a therapeutically effective amount of:

- a) ~~black walnut and/or wormwood;~~
- b) ~~turmeric;~~
- e) ~~garlic alone or in combination with propolis;~~
- a) black walnut, wormwood, turmeric, garlic, wherein said garlic can be optionally substituted with propolis; and
- d) ~~b)~~ two or more antibacterial/ anti-inflammatory herbs selected from the group consisting of St. Johns wort, licorice, chamomile, clove, nutmeg, ginger, frankincense and myrrh; and
- e) ~~c)~~ aloe vera, alone or in combination with a dermatologically acceptable carrier, and;
- f) ~~optionally, niacin;~~
- d) niacin, wherein said niacin further comprises niacinamide, nicotinic acid and its chemical derivatives.

Claim 34 (Previously Presented): The composition according to claim 33, wherein said black walnut is further comprised of an extract derived from the species *Juglans nigra* or any plant from the genus *Juglans*, constituting between 0.5%-90% by weight of total composition.

Claim 35 (Previously Presented): The composition according to claim 33, wherein said wormwood is further comprised of an extract derived from the species *Artemisia Absinthium* or any plant from the genus *Artemisia*, constituting between 0.5%-90% by weight of total composition.

Claim 36 (Previously Presented): The composition according to claim 33, wherein said turmeric is further comprised of an extract derived from the species *Curcuma Longa* or any plant from the genus *Curcuma*, constituting between 0.5 % to 90 % by weight of total composition.

Claim 37 (Previously Presented): The composition according to claim 33, wherein said garlic is further comprised of an extract derived from the species *Allium sativum* or any plant from the genus *Allium*, constituting between 0.75 to 70 % by weight of total composition.

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Claim 38 (Previously Presented): The composition according to claim 37, wherein said garlic further embodies a physical form of one or more selected from the group consisting of macerated, minced, diced, dried, pulverized, powdered, deodorized and shredded.

Claim 39 (Previously Presented): The composition according to claim 33, wherein said propolis can be combined with garlic, constituting collectively between 0.75 to 70 % by weight of total composition.

Claim 40 (Previously Presented): The composition according to claim 33, wherein said St. Johns wort is further comprised of an extract derived from the species *Hypericum perforatum* or any plant from the genus *Hypericum*, constituting between 0.5 to 25 % by weight of total composition.

Claim 41 (Previously Presented): The composition according to claim 33, wherein said licorice is further comprised of an extract derived from the species *Glycyrrhiza Glabra* or any plant from the genus *Glycyrrhiza*, constituting between 0.5 to 25 % by weight of total composition.

Claim 42 (Previously Presented): The composition according to claim 33, wherein said chamomile is further comprised of an extract derived from the species *Matricaria Chamomile* or any plant from the genus *Matricaria* or *Anthemis*, constituting between 0.5 to 25 % by weight of total composition.

Claim 43 (Previously Presented): The composition according to claim 33, wherein said clove, nutmeg, ginger, frankincense and myrrh are further comprised of extracts derived from *Syzygium aromaticum*, *Myristica fragans*, *Zingiber officinale*, *Boswellia carteri*, *Commiphora molmol*, respectively, where a combination of two or more of these herbs constitute between 0.5 to 25% by weight of total composition.

Claim 44 (Previously Presented): The composition according to claim 33, wherein said aloe vera alone or combined with a dermatologically acceptable carrier constitutes between 5-95 % by weight of total composition.

Claim 45 (Previously Presented): The composition according to claim 44, wherein said dermatologically acceptable carrier is further comprised one or more selected from the group consisting of surfactants, binders, emulsifiers, bulking agents, starches, additives, diluents, stabilizers, preservatives, emollients, foaming agents, gels, sweeteners, thickeners, vehicles, coloring agents, fragrances, solvents, moisturizers, lubricants, deodorizers and buffers.

Claim 46 (Previously Presented): The composition according to claim 45, wherein said dermatologically acceptable carrier is in the form of at least one selected from the group consisting of a suspension, solution, dispersion, lotion, liquid, gel, stick, capsule, foam, cream, pack, paste, coated glove or sock, salve, spray, aerosol, ointment, sponge, gel cap, granule, medicated bandage, medicated gauze, microparticles, nanospheres, microspheres, wipes, oil, powder and unique bio-delivery system.

Claim 47 (Currently Amended): The composition according to claim 33, wherein said dermatologically acceptable carrier is further comprised of at least one selected from a group consisting of purified water, lanolin, lanolin alcohols, alcohols, vitamins, methylparaben,

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ethylparaben, butylparaben propylparaben, glycerin, vegetable oils, polysorbate, propylene glycol, para-aminobenzoic acid, mineral oil, carbomer, phospholipids, flour, starch, sorbitan laurate, carboxylic acids, triethanolamine, talc, titanium dioxide, antioxidants, gums, petrolatum, jojoba oil, isopropyl myristate, cetyl palmitate, sorbitan stearate, acids, base, cellulose, simethicone, butylated hydroxyanisole, butylated hydroxytoluene, glycol distearate, cetearyl alcohol, sorbitol, glyceryl stearate, cetearyl octanoate, dimethiconc, wax, ~~EDTA~~, ethylenediaminetetraacetic acid, sodium lauryl sulfate, glyceryl dilaurate, quarterium-15, calcium sulfate, calcium chloride, metal salts, gelatin, ~~aloe-vera~~ and imidazolidinyl urea.

Claim 48 (Currently Amended): The composition according to claim 33, wherein said ~~nicotin~~ is chemical derivatives are selected from the group consisting of ~~nicotinamide, nicotinic acid,~~ nicotinamide adenine dinucleotide, nicotinamide adenine dinucleotide phosphate, nicotinamide 1,N6-etheneoadenine dinucleotide, 1,N6-etheneoadenine dinucleotide phosphate, nicotinamide guanine dinucleotide, nicotinamide guanine dinucleotide phosphate, nicotinamide hypoxanthine dinucleotide, nicotinamide hypoxanthine dinucleotide phosphate, nicotinamide mononucleotide, nicotinic acid adenine dinucleotide and nicotinic acid adenosine dinucleotide phosphate and constitutes between 0.02 to 5% by weight of total composition.

Claim 49 (Currently Amended): The composition according to claim 34, wherein said black walnut constitutes about ~~8.5%~~ 9% by weight of total composition.

Claim 50 (Currently Amended): The composition according to claim 35, wherein said wormwood constitutes about ~~8.5%~~ 9% by weight of total composition.

Claim 51 (Currently Amended): The composition according to claim 36, wherein said turmeric constitutes about ~~8%~~ 7% by weight of total composition.

Claim 52 (Previously Presented): The composition according to claim 37, wherein said garlic constitutes about 10% by weight of total composition.

Claim 53 (Previously Presented): The composition according to claim 39, wherein said propolis is combined with garlic and constitutes collectively about 10 % by weight of total composition.

Claim 54 (Previously Presented): The composition according to claim 40, wherein said St. Johns wort constitutes about 3% by weight of total composition.

Claim 55 (Previously Presented): The composition according to claim 41, wherein said licorice constitutes about 3% by weight of total composition.

Claim 56 (Previously Presented): The composition according to claim 42, wherein said chamomile constitutes about 2% by weight of total composition.

Claim 57 (Previously Presented): The composition according to claim 43, wherein said combination of at least two or more of clove, nutmeg, ginger, frankincense and myrrh constitute collectively about 2% by weight of total composition.

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Claim 58 (Previously Presented): The composition according to claim 44, wherein said aloe vera alone or combined with a dermatologically acceptable carrier constitutes about 54% by weight of total composition.

Claim 59 (Previously Presented): The composition according to claim 48, 33 wherein said niacin niacinamide, nicotinic acid and its chemical derivatives constitutes about 1% by weight of total composition.

Claim 60 (Currently Amended): A method for treating skin diseases comprising applying

A topical composition comprised of:

- a) ~~blackwalnut and/or wormwood;~~
- b) ~~turmeric;~~
- e) ~~garlic alone or in combination with propolis;~~
- a) black walnut, wormwood, tumeric, garlic, wherein said garlic can be optionally substituted with propolis; and
- d) b) two or more antibacterial/ anti-inflammatory herbs selected from the group consisting of St. Johns wort, licorice, chamomile, clove, nutmeg, ginger, frankincense and myrrh; and
- e) c) aloe vera, alone or in combination with a dermatologically acceptable carrier, and;
- f) ~~optionally, niacin;~~
- d) niacin, wherein said niacin further comprises niacinamide, nicotinic acid and its chemical derivatives.

Combined with oral administration of:

- e) c) vitamin B<sub>3</sub> wherein said vitamin B<sub>3</sub> is preferably not "flush free" and said oral administration is 100-1000 mg/ day/ per human, this component present in order to augment circulatory blood flow to the area of dermal injury.

Claim 61 (Previously Presented) A method of treating skin disorders in a mammal in need thereof, which comprises administering to said mammal an effective amount of the composition according to claim 60.

Claim 62 (Previously Presented): The method of claim 61, wherein said skin disorders are comprised of one or more symptoms selected from the group consisting of dry skin, skin lesions, cracks, fissures, scaling, discoloration, thickening, redness, bleeding, swelling, ulcers, sores, flaking, wounds, blistering, rashes, burns and loss of flesh.

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Claim 63 (Previously Presented): The method of claim 61, wherein said skin disorders are further comprised of one or more diseases associated with initiating pathogens selected from the group consisting of yeasts, malassezia, candida, fungus, dermatophyte fungi, trichophyton, epidermophyton, microsporum, tinea, bacteria, staphylococcus, streptococcus, parasites, mites, scabies, lice, mold, scopulariopsis, aspergillus, fusarium, scytalidinium, viruses, coxsackie, enterovirus, herpes, parvovirus and cpstein barr.